

CLAIMS

1. A photoelectric cell including an optoelectronic receptor circuit provided with a photoreceptor component, the photoreceptor area of which is able to receive a spot of light
- 5 characterized by the fact that:
- the photoreceptor surface of the component (11) has two juxtaposed photoreceptor areas (Z1, Z2), wherein these areas differ by their microelectronic nature,
  - 10 - the cell has means (11) for assigning the photoreceptor circuit to a reflex operating mode or to a proximity operating mode,
  - the first photoreceptor area (Z1) is provided with a first output (A1), enabled in the reflex
  - 15 operating mode,
  - the second area (Z2) is provided with analog detection of position of the spot of light and is provided with a second output (A2), enabled in the proximity operating mode.
  - 20 2. The cell according to claim 1, characterized by the fact that:
    - the first area (Z1) is a photodiode area,
    - the second area (Z2) with analog detection of position is provided with a third output (A3), wherein
    - 25 the second output (A2) forms the close channel, and the third output (A3) forms the remote channel of this area for analog detection of position, respectively,
    - the means for assigning the reflex or proximity operating mode is a switch (11), wherein the

first and second outputs (A1, A2) may be switched to a processing circuit (12) by means of the switch (11).

3. The cell according to claim 2, characterized by the fact that both areas (Z1, Z2) have a common  
5 cathode.